# Weekly Metrics for May 18 - 24, 2003

| Mission (Launch Date) | Instrument | Category | Data Center | RQMTS (GB) | Requirements * Multiplier | Actual (GB) | Footnote |
|---|---|---|---|---|---|---|---|
| SORCE (1/03) | TIM/SIM/ SOLSTICE/ XPS | L0 Ingest | GES DAAC | 0.9 | 1x Baseline | 0.96 | A |
| | | Archive | GES DAAC | 0.9 | 1x Baseline | 0.96 | A |
| ICESat (1/03) | GLAS | L0 Ingest | NSIDC | 41 | 1x Baseline | 16 | W |
| | | Archive | NSIDC | 41 | 1x Baseline | 16 | W |
| Aqua (5/02) | AIRS/ AMSU/ HSB | L0 Ingest | GES DAAC | 98 | 1x Baseline | 91 | U |
| | | L1 Prod | GES DAAC | 807 | Various | 381 | U |
| | | L2 - 3 Prod | GES DAAC | 107 | 2.03x Baseline | 82 | U |
| | | Archive | GES DAAC | 1,012 | Various | 554 | U |
| | | Distribution | GES DAAC | | | | |
| | | *Testing/QA* | | 99 | IT Requirements | 0 | |
| | | *Production* | | | | 98 | |
| | | *End users* | | 471 | Various | 2 | |
| | | *Data Pool* | | | | 425 | V |
| | AMSR-E | L0 Ingest | NSIDC | 10 | 1x Baseline | 6 | B |
| | | L1 Ingest | NSIDC | 9 | Various | 0 | B, C |
| | | L2-L3 Prod | GHRC | 38 | 2.03x Baseline | 0 | C |
| | | Archive | NSIDC | 67 | Baseline | 6 | C |
| | | Distribution | NSIDC | | | | |
| | | *Production* | | | | 7 | |
| | | *End Users* | | 35 | 1.015x Baseline | 0 | C, G |
| | CERES | Archive | ASDC | 169 | Various | Included | |
| | | Distribution | ASDC | | | In | See |
| | | *Testing/QA* | | 1,421 | IT Requirements | Terra | Footnote S |
| | | *End Users* | | 109 | 1.015x Baseline | CERES | |
| | MODIS | L0 Ingest | GES DAAC | 518 | 1x Baseline | 494 | |
| | | L1 Prod | GES DAAC | 5,047 | Various | 2,378 | |
| | | L2-L4 Prod | MODAPS | 6,395 | 2.03x Baseline | 3,722 | R |
| | | Archive | LP DAAC | 3,516 | Various | 2,546 | R |
| | | | GES DAAC | 8,015 | Various | 3,926 | R |
| | | | NSIDC | 426 | Various | 121 | R |
| | | Distribution | GES DAAC | | | | |
| | | *Testing/QA* | | 362 | IT Requirements | 462 | |
| | | *To MODAPS/LaRC* | | | | 2,310 | |
| | | *End Users* | | 4,157 | 1.015x Baseline | 328 | G |
| | | *Data Pool* | | | | 4 | V |
| METEOR 3M (12/01) | SAGE III | Archive | ASDC | 0.9 | Various | 0.6 | D |
| | | Distribution | ASDC | | | | |
| | | *Production* | | | | 0.9 | |
| | | *End Users* | | 0.02 | 1.015x Baseline | 7.5 | |
| ACRIMSAT (12/99) | ACRIM 3 | Archive | ASDC | 1 | 1x Baseline | 0 | D |
| | ASTER | L1A Ingest | LP DAAC | 680 | 1x Baseline | 488 | E |
| | | L1B Ingest | LP DAAC | 271 | 1.015 Baseline | 150 | E |
| | | L2-L3 Prod | LP DAAC | 1,221 | 3.045x Baseline | 103 | E |
| | | Archive | LP DAAC | 2,173 | Various | 890 | E |
| | | Distribution | LP DAAC | | | | |
| | | *End Users* | | 1,221 | 1.015x Baseline | 673 | G, O, P |
| | CERES | Archive | ASDC | 357 | Various | 91 | S |
| | | Distribution | ASDC | | | | |
| | | *Testing/QA* | | 1,421 | IT Requirements | 1 | |
| | | *End Users* | | 119 | 1.015x Baseline | 78 | G, O |
| | MISR | L0 Ingest | ASDC | 249 | 1x Baseline | 254 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | L1 Prod | ASDC | 3,359 | Various | 4,442 | F |
| | | L2-L3 Prod | ASDC | 285 | 3.045x Baseline | 260 | F |
| | | Archive | ASDC | 3,894 | Various | 4,957 | F |
| | | Distribution | ASDC | | | | |
| | | *Testing/QA* | | 137 | IT Requirements | 159 | |
| | | *Production* | | | | 1,721 | |
| | | *End Users* | | 1,215 | 1.015x Baseline | 1,982 | G, O |
| Terra (12/99) | MODIS | L0 Ingest | GES DAAC | 518 | 1x Baseline | 545 | |
| | | L1 Prod | GES DAAC | 7,570 | Various | 10,353 | M |
| | | L2-L4 Prod | MODAPS | 12,789 | 3.045x Baseline | 10,418 | Q, T |
| | | Archive | LP DAAC | 7,034 | Various (L2-L4) | 8,243 | |
| | | | GES DAAC | 12,990 | Various (L0-L4) | 12,751 | I, Q |
| | | | PO DAAC | 0 | Various (L2-L3) | 33 | |
| | | | NSIDC | 853 | Various (L2-L3) | 339 | I, Q |
| | | Distribution | LP DAAC | | | | G, O |
| | | *End Users* | | 2,345 | 1.015x Baseline | 1,835 | |
| | | Distribution | GES DAAC | | | | G |
| | | *Testing/QA* | | 362 | IT Requirements | 1,081 | |
| | | *To MODAPS/LaRC* | | | | 13,718 | |
| | | *End users* | | 4,157 | 1.015x Baseline | 2,730 | V |
| | | *Data Pool* | | | | 109 | |
| | | Distribution | PO DAAC | | | | |
| | | *End Users* | | 0 | Baseline | 0.2 | |
| | | Distribution | NSIDC | | | | G, O |
| | | *End Users* | | 284 | 1x Baseline | 23 | |
| | MOPITT | L0 Ingest | ASDC | 2 | 1x Baseline | 2 | |
| | | L1 Prod | SIPS | 2 | Various | 0.3 | |
| | | L2 Prod | SIPS | 2 | 3.045x Baseline | 9 | J |
| | | Archive | ASDC | 6 | Various | 12 | J |
| | | Distribution | ASDC | | | | |
| | | *Production* | | | | 5 | |
| | | *End Users* | | 1 | 1.015x Baseline | 22 | G, O |
| Landsat-7 (4/99) | ETM+ | Archive | LP DAAC | 1,092 | 250 Scenes | 842 | |
| | | Distribution | LP DAAC | 58 | ECS ICD | 189 | |
| Jason-1 (12/01) | Poseidon 2 | Archive (L0+) | PO DAAC | | | 2 | |
| | | Distribution | PO DAAC | NA | NA | 15 | K |
| QuikScat (6/99) | SeaWinds | Archive (L0+) | PO DAAC | | | 39 | |
| | | Distribution | PO DAAC | 109 | Weekly Average | 1,027 | K |
| TOPEX (8/92) | Poseidon | Archive (L1+) | PO DAAC | | | 0 | |
| | | Distribution | PO DAAC | 24 | Weekly Average | 7 | K |
| Other Missions | AVHRR | Archive (L2+) | PO DAAC | | | 99 | |
| | | Distribution | PO DAAC | NA | NA | 50 | L |

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
C. The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until March - May 2003. Regular delivery to US science team is not expected to occur before June 2003.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
F. Includes the reprocessed data , in addition to the current data.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
J. Includes reprocessed L2 products received from MOPITT SIPS.
K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.

L. Includes distribution of educational materials, in addition to AVHRR SST products.
M. Actual archival volume includes that of the reprocessing campaign in addition to the current data.
N. Does not include distribution by subsetting tool.
O. Does not include distribution by data pool.
P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
U. HSB is still in survival mode. Reprocessing hasn't started yet.
V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.

* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

| Processing Level | 1st year after launch | 2nd year | Launch+2 or more year |
|---|---|---|---|
| L0 | 1 | 1 | 1 |
| L1A | 1 | 2 | 3 |
| L1B | 1.015 | 2x1.015 | 3x1.015 |
| L2-4 | 0.5*1.015 | 1.5*1.015 | 3*1.015 |

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.